

Claims

- [c1] 1.A showerhead assembly which comprises
a hollow body having an inlet end and an outlet end,
a face portion, said face portion being disposed at the outlet
end of the hollow body and including a receiving aperture
defined within it and further including a plurality of water flow
apertures defined within it, and
a filter member, said filter member being insertable within the
face portion receiving aperture to disposed the filter member
between the inlet end and the outlet end of the hollow body,
wherein the filter member is disposed within the showerhead
assembly to filter water flowing through the hollow body.
- [c2] 2.The assembly of claim 1 wherein the showerhead hollow
body is axially symmetrical and has a continuous surface with
a circular cross section in the axial direction.
- [c3] 3.The assembly of claim 2 including an inner casing portion
wherein the inner casing portion is disposed between the
hollow body and the face portion, said inner casing portion
being configured to allow water to pass through it when water
enters the inlet end of the hollow body and when water is
discharged from the water flow apertures of the face portion.
- [c4] 4.The assembly of claim 3 wherein the hollow body includes
means for securing the inner casing portion between the

hollow body and the face portion.

[c5] 5.The assembly of claim 4 wherein the filter member includes a plurality of openings through which water may pass and wherein the inner casing portion also includes a plurality of openings through which water may pass, the openings of the filter member and of the inner casing portion forming a water flow continuum therebetween.

[c6] 6.The assembly of claim 5 wherein the filter member includes means for securing the filter member within the face portion.

[c7] 7.The assembly of claim 6 wherein the filter member securing means includes at least one key and at least one cooperating keyway disposed between the filter member and the inner casing portion, said keyway being adapted to receive the key therewithin.

[c8] 8.The assembly of claim 7 wherein the inner casing portion includes spring means for biasing the filter outwardly of the face portion.

[c9] 9.The assembly of claim 8 wherein the filter member is disposably replaceable.

[c10] 10.The assembly of claim 9 wherein the face portion is integrally formed as part of the hollow body.

[c11] 11.A showerhead which comprises

an outer casing having a water inlet end and a water outlet end,
a face member for covering the water outlet end of the outer casing, said face member including a receiving aperture and a plurality of water spray apertures defined within it,
means for sealingly securing the face member to the water outlet end of the casing,
a water filter, said water filter being functionally adapted to be insertable within the receiving aperture of the face member,
and
means for sealingly engaging the water filter within the receiving aperture of the face member,
wherein the filter is disposed within the showerhead outer casing to filter water flowing through the outer casing.

[c12] 12.The showerhead of claim 11 wherein the filter member includes a plurality of openings through which water may pass and a filter medium contained within it.

[c13] 13.The showerhead of claim 12 including a filter member cavity defined within the showerhead and wherein the filter member includes means for securing the filter member within the filter member cavity.

[c14] 14.The showerhead of claim 13 wherein the filter member securing means includes at least one key and at least one cooperating keyway disposed within the showerhead, said

keyway being adapted to receive the key therewithin.

[c15] 15.The showerhead of claim 14 including spring means for biasing the filter outwardly of the face member.

[c16] 16.The showerhead of claim 15 wherein the filter member is disposably replaceable.

[c17] 17.The showerhead of claim 16 wherein the face member is integrally formed as part of the hollow body.

[c18] 18.The showerhead of claim 14 wherein the filter member cavity comprises an inner casing.

[c19] 19.The showerhead of claim 18 including means for securing the inner casing between the hollow body and the face member.

[c20] 20.The showerhead of claim 19 wherein the inner casing is disposed between the outer casing and the face member, said inner casing being configured to allow water to pass through it when water enters the inlet end of the outer casing and when water is discharged from the water flow apertures of the face member.

[c21] 21.The showerhead of claim 20 wherein the outer casing includes internal threads, the face member aperture includes internal threads, and the inner casing includes a first end and a second end, the first and second ends of the inner casing

being externally threaded, wherein the first end of the inner casing is threadably receivable by the outer casing and the second end of the inner casing is threadably receivable by the face member for securing the inner casing between the outer casing and the face member.